ABSTRACT OF THE DISCLOSURE

A process for preparing regioselectively an optically active 1-halogeno-2-hydroxypropyl compound of the following formula;

wherein X is halogen atom and Nu is a heteroatom having a substituent,

and an optically active glycidyl compound of the formula;

which comprises reacting an optically active epihalohydrin of the formula;

$$X \xrightarrow{} 0$$
 (1)

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with a neucleophilic agent,

in the presence of a metal complex of the formula;

wherein n is an integer of 0, 1 or 2, Y^1 , Y^2 and Y^3 are hydrogen atom, etc., and Y^2 and Y^3 may form a ring such as benzene, A is a counterion and M is a metal ion,

and further subjecting the compound (4) to reaction with a base to prepare the optically active glycidyl compound (5).